

IN THE CLAIMS:

✓ Please enter the following amended claims:

✓ Please cancel claims 2-10 subject to applicants' right to file a divisional application on said claims.

B4

1. (Amended)      An alternator comprising:

        a rotor for forming north-seeking (N) and south-seeking (S) poles alternately about a rotational circumference; and

        a stator comprising:

                a stator core surrounding said rotor; and

                a polyphase stator winding installed in said stator core,

        said stator core being formed with a number of slots extending axially at a predetermined pitch in a circumferential direction and being provided with an abutting portion extending axially, said abutting portion making said stator core into an annular shape by abutting end portions of said stator core,

        said polyphase stator winding comprising a number of winding portions in which a pair of long strands of wire are wound such that each of the pair intercrosses each other to alternately occupy an inner layer and an outer layer in a slot depth direction within said slots at intervals of a predetermined number of slots, said strands of wire folding back outside said slots at axial end surfaces of said stator core, and

        an insulating member being interposed between said stator core and said winding.